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NPIC/P&DS/D/6-867  
28 March 1966

MEMORANDUM FOR: Director for Research and Development/DDS&T *GCL*  
THROUGH: Director, National Photographic Interpretation Center  
SUBJECT: Proposed program of research in photo interpretation  
to be carried out by [ ]  
REFERENCE: (a) Rough Draft of [ ] paper, received  
from Deputy Director, ORD 4 February 1966

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1. The subject paper has been reviewed by members of our Plans and Development Staff and representatives of the Photographic Analysis Group and the Imagery Analysis Division.

2. The following is a brief summary of our observations:

a. We feel that the proposed program of research falls within the category of basic research and addresses itself primarily to defining the fundamental nature of images and the human/image interface problem.

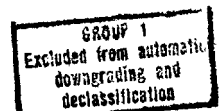
b. This program complements and does not duplicate or conflict with any research we are contemplating or currently engaged in under our Human Factors or Image Analysis programs.

c. Knowledge in this area is currently inadequate although extremely important, and the results of this program should be of interest to NPIC. Assuming that the proposed program is successful, the resulting information could prove very useful to us in the development of better techniques and equipment for image interpretation.

d. We recognize, as we are sure you do, that there are serious obstacles to be overcome in accomplishing the proposed program. These obstacles relate to the tremendous complexity of the human interpreter himself, the formidable display problem, and the tremendous computer software problem. However, these difficulties do not invalidate the need for intensive study of the problem.

3. As you can readily understand, the operational components within NPIC are somewhat dubious of research projects of this nature when they feel they will require large amounts of time from the operational interpreters as test subjects. We have been verbally

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assured by [ ] that this is not the case. There are a number of experienced interpreters on our Plans and Development Staff, and we will certainly be willing to cooperate with [ ] in providing the operational interface she desires.

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Colonel, USAF

Assistant for Plans and Development, NPIC

Distribution:

Orig & 1 - Addressee

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